

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L1    | 0    | ((decoding near3 encoded near3 digital near3 image near3 plurality near3 resolutions) and (select\$3 near3 different near3 resolutions) and (determin\$3 near3 predefined near3 resolution) and (determining near3 quantity near3 data) and (determining near3 quantity near3 data near3 determined near3 predefined near3 resolutions near3 function near3 ratio near3 number near3 pixels near3 selected near3 resolution) and ( decoding near3 image near3 data near3 determined near3 predefined near3 resolution near3 function near3 determined near3 quantity near3 data) and (subsampling near3 decod\$3 near3 image near3 function near3 ratio near3 selected near3 resolution)).clm. | US-PGPUB;<br>USPAT  | OR               | ON      | 2008/09/29<br>10:15 |
| S1    | 0    | 10/757487.app.   | USPAT; USOCR  | OR               | ON      | 2007/08/09<br>15:11 |
| S2    | 1    | 10/757487.app.   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/14<br>15:29 |
| S3    | 5    | ("20020181789"  <br>"6631213").PN"   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/09<br>15:12 |
| S4    | 5    | "6501860".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/09<br>15:29 |

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| S5  | 2     | "6218968".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/09<br>15:37 |
| S6  | 244   | decod\$3 near2 digital<br>near2 image near2 encod<br>\$3                                 | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>15:30 |
| S7  | 182   | plurality near2 resolution<br>near2 levels   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/15<br>07:29 |
| S8  | 1542  | (determin\$3 or comput\$3)<br>near2 resolution near2<br>(pixels or data or<br>grayscale) | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/09<br>15:46 |
| S9  | 309   | scal\$3 near2 decod\$3<br>near2 image  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>15:44 |
| S10 | 137   | sampl\$3 near2 decod\$3<br>near2 image   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/09<br>15:49 |
| S11 | 14317 | resolution near2 (first or<br>second)  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>15:43 |
| S12 | 7707  | compress\$3 near2 digital<br>near2 signal  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/09<br>15:52 |
| S13 | 623   | reduc\$3 near2 transmit\$3<br>near2 rate   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/09<br>15:53 |
| S15 | 4428  | predetermin\$3 near2<br>resolution   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>15:43 |

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| S16 | 1   | S6 and S7  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/09<br>16:05 |
| S17 | 1   | S8 and S11 and S12 and S15   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/09<br>15:56 |
| S18 | 341 | S8 and S11   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/09<br>15:56 |
| S19 | 32  | S12 and S15  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/09<br>15:57 |
| S20 | 4   | S6 and S8  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/09<br>15:57 |
| S21 | 7   | S7 and S8  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/09<br>16:01 |
| S22 | 134 | S11 and S12  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/09<br>16:02 |
| S23 | 0   | ("2004/0170331").URPN.   | USPAT   | OR | ON | 2007/08/09<br>16:01 |
| S24 | 6   | ("5050230"   "5128757"  <br>"5282255"   "5892847"  <br>"6021224"   "6377309").<br>PN. OR ("6631213").<br>URPN. | US-PGPUB;<br>USPAT; USOCR                                 | OR | ON | 2007/08/14<br>14:39 |

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| S25 | 74  | ("4122440"   "4467317"  <br>"4849810"   "4891643"  <br>"4897717"   "4903317"  <br>"4905297"   "4922508"  <br>"5111292"   "5148272"  <br>"5150209"   "5157488"  <br>"5168375"   "5189526"  <br>"5196946"   "5249053"  <br>"5262878"   "5262958"  <br>"5270832"   "5299025"  <br>"5313296"   "5317411"  <br>"5325125"   "5335088"  <br>"5524067"   "5586200").<br>PN. OR ("5892847").<br>URPN. | US-PGPUB;<br>USPAT; USOCR                                 | OR | ON | 2007/08/14<br>14:42 |
| S26 | 74  | ("4122440"   "4467317"  <br>"4849810"   "4891643"  <br>"4897717"   "4903317"  <br>"4905297"   "4922508"  <br>"5111292"   "5148272"  <br>"5150209"   "5157488"  <br>"5168375"   "5189526"  <br>"5196946"   "5249053"  <br>"5262878"   "5262958"  <br>"5270832"   "5299025"  <br>"5313296"   "5317411"  <br>"5325125"   "5335088"  <br>"5524067"   "5586200").<br>PN. OR ("5892847").<br>URPN. | US-PGPUB;<br>USPAT; USOCR                                 | OR | ON | 2007/08/14<br>14:42 |
| S27 | 18  | ("4751742"   "4776029"  <br>"4903317"   "4969204"  <br>"5048111"   "5050230"  <br>"5134478"   "5150209"  <br>"5321776"   "5432871").<br>PN. OR ("6021224").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR                                 | OR | ON | 2007/08/14<br>14:48 |
| S28 | 62  | ("4718104").PN. OR<br>("5050230").URPN.  | US-PGPUB;<br>USPAT; USOCR                                 | OR | ON | 2007/08/14<br>14:50 |
| S29 | 25  | subsampl\$3 near2 decod<br>\$3 near2 image   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>14:57 |
| S30 | 288 | zoom near2 digital near2<br>image  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>14:58 |
| S31 | 156 | S30 and resolution   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>14:58 |

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| S32 | 1      | S31 and ((determin\$3 or comput\$3 or measur\$3) near2 layers) | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>15:01 |
| S33 | 0      | S32 and decod\$3   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>15:01 |
| S34 | 21     | S31 and layers   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>15:01 |
| S35 | 8      | S34 and decod\$3   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>15:02 |
| S36 | 122033 | Henry.in.  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>15:35 |
| S37 | 8      | S36 and (decod\$3 near2 digital near2 image near2 encod\$3)    | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>15:36 |
| S38 | 139613 | Felix Henry.in.  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>15:36 |
| S39 | 8      | S37 and (decod\$3 near2 digital near2 image near2 encod\$3)    | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>15:39 |
| S40 | 2703   | 382/233  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>15:38 |
| S41 | 39     | S40 and (decod\$3 near2 digital near2 image near2 encod\$3)    | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>15:39 |

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| S42 | 1   | S41 and (plurality near2 resolution near2 levels)   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>15:39 |
| S43 | 4   | S41 and (predetermin\$3 near2 resolution)   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>15:40 |
| S44 | 193 | S40 and (resolution near2 (first or second))  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>15:43 |
| S45 | 28  | S44 and (predetermin\$3 near2 resolution)   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>15:44 |
| S46 | 1   | S45 and (scal\$3 near2 decod\$3 near2 image)  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14<br>15:44 |
| S47 | 22  | (US-20020122590-\$ or US-20030035065-\$ or US-20020048320-\$ or US-20020057844-\$ or US-20040170331-\$ or US-20020064312-\$).did. or (US-4068266-\$ or US-5227789-\$ or US-6625307-\$ or US-6442299-\$ or US-6041143-\$ or US-6788811-\$ or US-4905297-\$ or US-4969204-\$ or US-7088866-\$ or US-6763139-\$ or US-6801574-\$ or US-6584230-\$ or US-6477202-\$ or US-5528740-\$).did. or (EP-917105-\$ or JP-08088856-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT                            | OR | ON | 2007/08/14<br>16:10 |
| S48 | 3   | S47 and zoom  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT             | OR | ON | 2007/08/14<br>16:11 |
| S49 | 3   | S48 and resolution  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT             | OR | ON | 2007/08/14<br>16:11 |

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| S50 | 2   | S49 and layers                               | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT                     | OR | ON | 2007/08/14<br>16:11 |
| S51 | 2   | S50 and decoding                             | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT                     | OR | ON | 2007/08/14<br>16:15 |
| S52 | 1   | S51 and subsamp1\$3                          | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT                     | OR | ON | 2007/08/14<br>16:12 |
| S53 | 1   | S47 and (predefin\$3 near2 resolution)       | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT                     | OR | ON | 2007/08/14<br>16:18 |
| S54 | 341 | predefin\$3 near2 resolution                 | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT                     | OR | ON | 2007/08/14<br>16:18 |
| S55 | 244 | S54 and (decod\$3 image)                     | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT                     | OR | ON | 2007/08/14<br>16:19 |
| S56 | 40  | S55 and (select\$3 near2 resolution)         | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT                     | OR | ON | 2007/08/14<br>16:27 |
| S57 | 10  | S55 and subsamp1\$3                          | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT                     | OR | ON | 2007/08/14<br>16:21 |
| S58 | 3   | S56 and subsamp1\$3                          | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT                     | OR | ON | 2007/08/14<br>16:21 |
| S59 | 3   | S58 and layer                                | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT                     | OR | ON | 2007/08/14<br>16:21 |
| S63 | 10  | plurality near2 predefin\$3 near2 resolution | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB         | OR | ON | 2007/08/15<br>06:47 |
| S64 | 10  | plurality near2 predefin\$3 near2 resolution | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/15<br>06:48 |

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| S65 | 2   | "6041143".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/15<br>07:29 |
| S66 | 26  | ("5748789"   "5778098"  <br>"5867602"   "5881176").<br>PN. OR ("6041143").<br>URPN. | US-PGPUB;<br>USPAT; USOCR                                 | OR | ON | 2007/08/15<br>07:29 |
| S67 | 288 | zoom near2 digital near2<br>image   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/15<br>07:42 |
| S68 | 156 | S67 and resolution  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/15<br>07:42 |
| S69 | 2   | "5748789".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/15<br>12:47 |
| S70 | 2   | "5778098".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/15<br>12:48 |
| S71 | 2   | "5867602".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/15<br>12:49 |
| S72 | 2   | "5881176".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/15<br>14:18 |
| S73 | 1   | function near2 ratio near2<br>intermediate near2<br>resolution                      | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/15<br>14:19 |
| S74 | 19  | function near2 ratio near2<br>resolution  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/15<br>14:23 |



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| S75 | 6  | S74 and (first or second) near2 image                                  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB         | OR | ON  | 2007/08/15<br>14:26 |
| S76 | 5  | S75 and intermediate near2 resolution                                  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB         | OR | ON  | 2007/08/15<br>14:27 |
| S77 | 2  | "6041143".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/17<br>11:53 |
| S78 | 2  | "5615282".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/17<br>11:56 |
| S79 | 1  | "20000321".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/17<br>12:00 |
| S80 | 49 | (Henry-Felix).in.  | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB         | OR | ON  | 2008/09/24<br>11:33 |
| S81 | 25 | S80 and resolution   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB         | OR | ON  | 2008/09/24<br>11:34 |
| S82 | 22 | S81 and (encod\$3 compress\$3 compression decompress\$3 decompression) | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB         | OR | ON  | 2008/09/24<br>11:35 |
| S83 | 19 | S82 and decod\$3   | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB         | OR | ON  | 2008/09/24<br>11:36 |
| S84 | 2  | S83 and (determin\$3 near3 quantity near3 data)                        | US-PGPUB;<br>USPAT;<br>USOCR; JPO;<br>DERWENT;<br>IBM_TDB         | OR | ON  | 2008/09/24<br>11:37 |

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|-----|---|--|--------------------|----|----|---------------------|
| S85 | 0 | ((decoding near3 encoded near3 digital near3 image near3 plurality near3 resolutions) and (select\$3 near3 different near3 resolutions) and (determin \$3 near3 predefined near3 resolution) and (determining near3 quantity near3 data) and (determining near3 quantity near3 data near3 determined near3 predefined near3 resolutions near3 function near3 ratio near3 number near3 pixels near3 selected near3 resolution) and ( decoding near3 image near3 data near3 determined near3 predefined near3 resolution near3 function near3 determined near3 quantity near3 data) and (subsampling near3 decod \$3 near3 image near3 function near3 ratio near3 selected near3 resolution)).<br>clm. | US-PGPUB;<br>USPAT | OR | ON | 2008/09/24<br>11:50 |
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9/ 29/ 2008 10:17:54 AM

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